

THE CLAIMS

5 What is claimed is:

1. A method for conducting capillary zone electrophoresis in a capillary, the method comprising:

adding sodium dodecylsulfate (SDS) to a first sample to be electrophoresced; and
applying a first voltage differential across ends of said capillary to cause said first
10 sample to migrate in a medium suitable for capillary zone electrophoresis.

2. The method of claim 1, wherein a concentration of SDS is below its critical
micelle concentration of 8 mM.

5 3. A method for conducting capillary zone electrophoresis in a capillary, the method comprising:

adding sodium dodecylsulfate (SDS) to a first sample to be electrophoresced;
applying a first voltage differential across ends of said capillary to cause said first
sample to migrate in a medium suitable for capillary zone electrophoresis;

20 rinsing the capillary with a buffer;
adding SDS to a second sample to be electrophoresced; and
applying a second voltage differential across ends of said capillary to cause said
second sample to migrate,

25 without rinsing the capillary with NaOH between application of said first and second
voltage differentials.

4. A method for conducting capillary zone electrophoresis in a capillary having first
and second ends, the method comprising:

30 providing a sodium dodecylsulfate (SDS)-containing buffer for receiving the first end
of the capillary;

applying a first voltage differential across the first and second ends to cause a first
sample in said capillary to migrate in a medium suitable for capillary zone electrophoresis.